FEDERAL ITEM IDENTIFICATION GUIDE

PLATE, MOUNTING

ITEM NAME CODE

40223

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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SECTION I

MRC	Mode Code	Requirements
NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED40223*)

MATT	D	MATERIAL

Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATTDALA000*; MATTDALA000$DAL2024*; MATTDCCA000$$DFEA000*)

MDCL *	J	MATERIAL DOCUMENT AND CLASSIFICATION

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS REFERENCE, AND THE CLASSIFICATION DESIGNATION, SUCH AS CLASS, CONDITION, TEMPER, AND THE LIKE, THAT IDENTIFIES THE MATERIAL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the document designator and classification.(e.g., MDCLJBAQQ-C-465/2 COND CD*; MDCLJBBQQ-S-634 COND CD$JBBQQ-S-634, COND CF; MDCLJBBQQ-S-200/2$$JBCQQ-S-634, COND CD*)

Table 1

REPLY CODE	REPLY (AP33)
G	ASSN STD
B	FED SPEC
C	FED STD
F	MFR REF
D	MIL SPEC
E	MIL STD
H	NATIONAL SPEC

Table 2

REPLY CODE	REPLY (AP18)
G	ALL MATERIAL RESPONSES (use only when all material is controlled by the same document and

MRC	Mode Code	Requirements
		classifications are identical)
	A	SINGLE MATERIAL RESPONSE
	B	1ST MATERIAL RESPONSE
	C	2ND MATERIAL RESPONSE
	D	3RD MATERIAL RESPONSE
	E	4TH MATERIAL RESPONSE
	F	5TH MATERIAL RESPONSE

SFTT * D SURFACE TREATMENT

Definition: THE METALLIC, NONMETALLIC, AND/OR CHEMICAL PROPERTIES WITH WHICH THE ITEM IS PLATED, DIPPED, AND/OR COATED. THE TREATMENT IS DESIGNED TO PROTECT THE SURFACE(S) AND CANNOT BE WIPED OFF.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SFTTDANA000*; SFTTDCDA000$$DCMA000*; SFTTDENA000$DLQA000*)

STDC * J SURFACE TREATMENT DOCUMENT AND CLASSIFICATION

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS REFERENCE, AND THE CLASSIFICATION DESIGNATION, SUCH AS TYPE, CLASS, GRADE, AND THE LIKE, THAT IDENTIFIES THE SURFACE TREATMENT MATERIAL.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the document designator and classification. (e.g., STDCJBAQQ-P-416, TYPE 2*; STDCJBBQQ-P-416, TYPE 2$$JBCQQ-Z-325, TYPE 2*; STDCJBAQQ-P-416, TYPE 2$JGAAMS2460*)

Table 1

REPLY CODE	REPLY (AP33)
G	ASSN STD
B	FED SPEC
C	FED STD
F	MFR REF
D	MIL SPEC
E	MIL STD
H	NATIONAL SPEC
P	NATIONAL STD

Table 2

REPLY CODE	REPLY (AP39)
G	ALL TREATMENT RESPONSES (use only when all

MRC	Mode Code	Requirements
		treatment is controlled by the same document and classifications are identical)
	A	SINGLE TREATMENT RESPONSE
	B	1ST TREATMENT RESPONSE
	C	2ND TREATMENT RESPONSE
	D	3RD TREATMENT RESPONSE
	E	4TH TREATMENT RESPONSE
	F	5TH TREATMENT RESPONSE

ALME * J MATERIAL HARDNESS RATING

Definition: A NUMERIC VALUE THAT REFLECTS THE HARDNESS OF THE MATERIAL WHEN USED IN CONJUNCTION WITH A HARDNESS RATING SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALMEJRCA35.0*; ALMEJRCB35.0$$JRCC40.0*)

Table 1

REPLY CODE	REPLY (AC26)
BS	BRINELL STANDARD
BT	BRINELL TUNGSTEN CARBIDE
RB	ROCKWELL B
RC	ROCKWELL C
RS	ROCKWELL SUPERFICIAL 15-N
RZ	ROCKWELL 15N
AH	ROCKWELL 30N

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SHPE D SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDALC*; SHPEDALC$DAND*)

REPLY CODE	REPLY (AD07)
AZP	CURVED LEFT
AZQ	CURVED RIGHT

MRC	Mode Code	Requirements
	ADJ	D
	AFC	FLAT
	AJG	IRREGULAR
	ALC	OVAL
	AND	RECTANGULAR
	BML	RECTANGULAR CURVED
	BJJ	RECTANGULAR W/ONE ROUND END
	ANN	RETANGULAR W/ROUNDED CORNERS
	APB	RHOMBOIDAL
	APL	ROUND
	AQF	ROUND W/FLATTENED SIDES
	ASB	SPECIAL
	ASL	SQUARE
	AXP	TRIANGULAR

ABRY * J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA1.563*; ABRYJLA39.7*; ABRYJAB1.563$$JAC1.585*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABKV * J OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKVJAA2.500*; ABKVJLA63.5*; ABKVJAB2.500$$JAC2.525*)

Table 1

MRC Mode Code Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABGL * J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA2.500*; ABGLJLA63.5*; ABGLJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABNM * J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.500*; ABNMJLA0.6*; ABNMJAB20.120$$JAC20.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CKSN * J RAISED SURFACE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE RAISED SURFACE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CKSNJAA2.500*; CKSNJLA63.5*; CKSNJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CKSP * J RAISED SURFACE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A RAISED SURFACE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CKSPJAA2.500*; CKSPJLA63.5*; CKSPJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

MRC	Mode Code	Requirements
	C	MAXIMUM

CKSQ * J RAISED SURFACE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A RAISED SURFACE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CKSQJAA2.500*; CKSQJLA63.5*; CKSQJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CKSR * J RAISED SURFACE HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF A RAISED SURFACE, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CKSRJAA2.500*; CKSRJLA63.5*; CKSRJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ADNU * J CORNER RADIUS

MRC Mode Code Requirements

Definition: A MEASUREMENT OF A STRAIGHT LINE FROM THE MIDPOINT OF A ROUNDED CORNER TO ITS PERIPHERY.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADNUJAA2.500*; ADNUJLA63.5*; ADNUJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CKSX * D APERTURE SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE APERTURE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CKSXDASB*; CKSXDALC$DAPL*)

REPLY CODE	REPLY (AD07)
ADJ	D
AHH	HEXAGON
ALC	OVAL
AND	RECTANGULAR
APL	ROUND
ASB	SPECIAL
ASL	SQUARE

ADUF * J APERTURE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN APERTURE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUFJAA2.500*; ADUFJLA63.5*; ADUFJAB2.500$$JAC2.575*)

Table 1

REPLY CODE	REPLY (AA05)

MRC	Mode Code	Requirements

A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABVL * J APERTURE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF AN APERTURE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABVLJAA2.500*; ABVLJLA63.5*; ABVLJAB2.500$$JAC2.515*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ADUE * J APERTURE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN APERTURE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUEJAA2.500*; ADUEJLA63.5*; ADUEJAB2.500$$JAC2.510*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

MRC Mode Code Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CKSY * J APERTURE CORNER RADIUS

Definition: A MEASUREMENT OF THE DISTANCE FROM THE CENTER LINE TO THE AXIS OF THE APERTURE CORNER.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CKSYJAA2.500*; CKSYJLA63.5*; CKSYJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CKTB * D APERTURE TYPE

Definition: INDICATES THE TYPE OF APERTURE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CKTBDAL*)

REPLY CODE	REPLY (AG79)
AL	COUNTERBORED (for round aperture)
AM	RECESSED (for other than round aperture)

AAWZ * J DEPTH, COUNTERBORE

NOTE: If Reply Code AL is entered for MRC CKTB, reply to MRC AAWZ and AAWY.

MRC Mode Code Requirements

Definition: THE DEPTH OF THE PROCESS USED TO ENLARGE PART OF A HOLE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAWZJAA2.500*; AAWZJLA63.5*; AAWZJLAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AAWY * J DIAMETER, COUNTERBORE

NOTE: If Reply Code AL is entered for MRC CKTB, reply to MRC AAWZ and AAWY.

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A COUNTERBORED PORTION OF A HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAWYJAA2.500*; AAWYJLA63.5*; AAWYJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ADWC * J RECESS LENGTH

MRC Mode Code Requirements

NOTE: If Reply Code AM is entered for MRC CKTB, reply to MRCs ADWC, CDDG and ABMH.

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A RECESS, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADWCJAA2.500*; ADWCJLA63.5*; ADWCJAB2.500$$JAC2.575*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CDDG * J RECESS WIDTH

NOTE: If Reply Code AM is entered for MRC CKTB, reply to MRCs ADWC, CDDG and ABMH.

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A RECESS, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CDDGJAA2.500*; CDDGJLA63.5*; CDDGJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Requirements

ABMH * J RECESS DEPTH

NOTE: If Reply Code AM is entered for MRC CKTB, reply to MRCs ADWC, CDDG and ABMH.

Definition: A MEASUREMENT BETWEEN SPECIFIED POINTS ON THE RECESS, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMHJAA2.500*; ABMHJLA63.5*; ABMHJAB2.500$$JAC2.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABTJ * A MOUNTING HOLE QUANTITY

Definition: THE NUMBER OF MOUNTING HOLES PROVIDED

Reply Instructions: Enter ISAC from Appendix A , Table 3, then the quantity. (e.g. ABTJ1AA2*)

For different sizes of mounting holes, use Identified Secondary Address Coding entering a reply for each type. (e.g., ABTJ1BA2*; ABTJ1CA4*)

ABTB * J MOUNTING HOLE DIAMETER

NOTE: Coordinate use of ISAC with MRC ABTJ so that quantity of holes and hole size are shown with a common ISAC.

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A MOUNTING HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the ISAC from Appendix A , Table 3, then the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTB1AJAA0.141*; ABTB1BJLA3.5*; ABTB1CJAB0141$$JAC0.151*)

MRC Mode Code Requirements

For each type of hole, use Identified Secondary Address Coding in the same sequence as MRC ABTJ. (e.g., ABTB1BJAA0.141*; ABTB1CJAB0.141$$JAC0.151*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ACHY * D MOUNTING HOLE TYPE

Definition: INDICATES THE TYPE OF HOLES PROVIDED IN THE ITEM TO FACILITATE MOUNTING TO ANOTHER ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACHYDD*; ACHYDD$DE*; ACHYDD$$DE*)

REPLY CODE	REPLY (AB68)
D	THREADED
E	UNTHREADED

ABUJ * A THREAD SIZE

NOTE: If Reply Code D is entered for MRC ACHY, reply to MRC ABUJ.

Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the thread size. (e.g., ABUJA3/8IN-16*; ABUJA3/8IN-18$A3/8IN-20*)

AJYP * D SCREW THREAD SERIES DESIGNATOR

NOTE: If Reply Code D is entered for MRC ACHY, reply to MRC AJYP.

MRC Mode Code Requirements

Definition: A DESIGNATION DISTINGUISHING ONE GROUP OF SCREW THREAD DIAMETER-PITCH COMBINATIONS FROM ANOTHER BY THE NUMBER OF THREADS PER MEASUREMENT SCALE FOR A SPECIFIC DIAMETER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJYPDBXC*; AJYPDBX$DBY*)

REPLY CODE	REPLY (AH06)
SM	ISO M
SS	ISO S
BX	NC
BY	NF
NP	NPT
NT	NPTF
UN	UN
NC	UNC
NE	UNEF
NF	UNF

ALGC * G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGEQUALLY SPACED ON 2.250 IN. DIA BOLT CIRCLE*)

CBBL * D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDDN*; CBBLDDDN$$DDLA*)

REPLY CODE	REPLY (AN47)
DDN	APERTURE
FKN	CENTRALLY LOCATED RAISED SURFACE
DLA	RAISED SURFACE
FNY	ROHS DIRECTIVE COMPLIANCE

FEAT * G SPECIAL FEATURES

MRC	Mode Code	Requirements

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

TEST * J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE code, a dash, and the document identification number. (e.g., TESTJA12345-CWX654321*; TESTJA12345-654321$$JB55566\N66354*; TESTJA12345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "nominal", etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc; excludes any specification, standard, or other document that may be referenced in a basic governing drawing.)

SPCL * G SPECIAL TEST FEATURES

MRC	Mode Code	Requirements

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ZZZK * J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

MRC	Mode Code	Requirements

ZZZT * J NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ZZZY * G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

CRTL * A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA*; CRTLAAKJA$$ACSGS*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

PRPY * A PROPRIETARY CHARACTERISTICS

NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.

MRC	Mode Code	Requirements

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA$$ACSGS*)

ELRN * G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

CLQL * G COLLOQUIAL NAME

Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.

Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)

CXCY * G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

MRC	Mode Code	Requirements
		Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)
AGAV *	G	END ITEM IDENTIFICATION
		Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.
		Reply Instructions: Enter the applicable reply in clear text. (e.g., AGAVG3930-00-000-0000*; AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

Reply Tables

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Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (MA01)
ALA000	ALUMINUM
ALB000	ALUMINUM ALLOY
AL0046	ALUMINUM ALLOY 356.0
AL0029	ALUMINUM ALLOY 360.0
AL0031	ALUMINUM ALLOY 380.0
AL1230	ALUMINUM ALLOY 1230
AL2014	ALUMINUM ALLOY 2014
AL2024	ALUMINUM ALLOY 2024
AL5052	ALUMINUM ALLOY 5052
AL5083	ALUMINUM ALLOY 5083
AL5086	ALUMINUM ALLOY 5086
AL5456	ALUMINUM ALLOY 5456
AL6061	ALUMINUM ALLOY 6061
AL6062	ALUMINUM ALLOY 6062
AL6063	ALUMINUM ALLOY 6063
AL7072	ALUMINUM ALLOY 7072
AL7075	ALUMINUM ALLOY 7075
CUA000	COPPER
CUB000	COPPER ALLOY
CU0068	COPPER ALLOY 170
CU0069	COPPER ALLOY 172
CU0079	COPPER ALLOY 260
CU0080	COPPER ALLOY 268
CU0103	COPPER ALLOY 510
CU0104	COPPER ALLOY 511
CU0706	COPPER ALLOY 706
CU0195	COPPER ALLOY 903
CCA000	COTTON
GSA000	GLASS
GSB000	GLASS FIBER
FEA000	IRON
FE0019	IRON ALLOY 660
FEB000	IRON CAST
PB0002	LEAD ALLOY C
NLB000	NICKEL ALLOY
NL0083	NICKEL ALLOY UNS N07001
NL0008	NICKEL ALLOY 400
NL0012	NICKEL ALLOY 625
PPA000	PAPER
PCA000	PLASTIC
PCH000	PLASTIC EPOXY
PCN000	PLASTIC PHENOLIC
PCP000	PLASTIC POLYAMIDE

REPLY CODE	REPLY (MA01)
PCQ000	PLASTIC POLYCAPROLACTAM
PCX000	PLASTIC POLYETHYLENE
PCZ000	PLASTIC POLYHEXAMETHYLENE ADIPAMIDE
PCAM00	PLASTIC POLYHEXAMETHYLENE AMIDE
PCAA00	PLASTIC POLYHEXAMETHYLENE SEBACAMIDE
PCAC00	PLASTIC POLYPROPYLENE
PCAF00	PLASTIC POLYTETRAFLUOROETHYLENE
PCAAAB	PLASTIC POLYUNDECANOAMIDE
PCAJ00	PLASTIC POLYVINYL CHLORIDE
PCBA00	PLASTIC URETHANE
RSA000	RESIN SYNTHETIC
RCE000	RUBBER
RC0007	RUBBER CHLOROPRENE CLASS CR
RC0020	RUBBER POLYISOPRENE NATURAL CLASS NR
RCB000	RUBBER SYNTHETIC
STA000	STEEL
ST0035	STEEL COMP FM-S
ST0046	STEEL COMP MT1010
ST0704	STEEL COMP XM-12
ST0301	STEEL COMP 301
ST0302	STEEL COMP 302
ST0303	STEEL COMP 303
ST0078	STEEL COMP 303S
ST0079	STEEL COMP 303SE
ST0304	STEEL COMP 304
ST0316	STEEL COMP 316
ST0321	STEEL COMP 321
ST0347	STEEL COMP 347
ST0447	STEEL COMP 409
ST0410	STEEL COMP 410
ST0630	STEEL COMP 630
ST1008	STEEL COMP 1008
ST1010	STEEL COMP 1010
ST1011	STEEL COMP 1011
ST1012	STEEL COMP 1012
ST1013	STEEL COMP 1013
ST1015	STEEL COMP 1015
ST1016	STEEL COMP 1016
ST1017	STEEL COMP 1017
ST1018	STEEL COMP 1018
ST1019	STEEL COMP 1019
ST1020	STEEL COMP 1020
ST1021	STEEL COMP 1021
ST1022	STEEL COMP 1022
ST1025	STEEL COMP 1025
ST1040	STEEL COMP 1040
ST1045	STEEL COMP 1045
ST1050	STEEL COMP 1050

REPLY CODE	REPLY (MA01)
ST1090	STEEL COMP 1090
ST1095	STEEL COMP 1095
ST1137	STEEL COMP 1137
ST4130	STEEL COMP 4130
ST4340	STEEL COMP 4340
ST8630	STEEL COMP 8630
ST0586	STEEL UNS J03001
ST0626	STEEL UNS J91152
ST0599	STEEL UNS J92811
ST0573	STEEL UNS K02102
ST0552	STEEL UNS K02600
ST0574	STEEL UNS K02708
ST1733	STEEL UNS K11630
TTA000	TITANIUM ALLOY
TT0052	TITANIUM ALLOY UNS R56400
WDC000	WOOD

Table 2 - SURFACE TREATMENTS
SURFACE TREATMENTS

REPLY CODE	REPLY (SF01)
ANA000	ANODIZE
CDA000	CADMIUM
CMA000	CHROMATE
CMB000	CHROMATE ZINC
CRA000	CHROMIUM
CUA000	COPPER
CUB000	COPPER ALLOY
ENA000	ENAMEL
ENF000	ENAMEL SEMIGLOSS
LQA000	LACQUER
NLA000	NICKEL
XXB000	OXIDE
XXF000	OXIDE ALUMINUM
PNA000	PAINT
PSA000	PASSIVATE
PHA000	PHOSPHATE
PHB000	PHOSPHATE IRON
PHC000	PHOSPHATE MANGANESE
PHD000	PHOSPHATE ZINC
PCS000	PLASTIC EPOXY
PCF000	PLASTIC POLYAMIDE
SNA000	TIN
VAA000	VARNISH
ZNA000	ZINC

Table 3 - ISAC LOCATION

ISAC LOCATION

ISAC FIELD INDICATOR	HOLE LOCATION (0292)
1A	ALL HOLES
1B	FIRST HOLE
1C	SECOND HOLE
1D	THIRD HOLE
1E	FOURTH HOLE
1F	FIFTH HOLE
1G	SIXTH HOLE
1H	SEVENTH HOLE
1J	EIGHTH HOLE
1K	NINTH HOLE
1L	TENTH HOLE
1M	ELEVENTH HOLE

Table 4 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE

REPLY CODE	REPLY (AD08)
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM

REPLY CODE	REPLY (AD08)
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective October 2, 2009

Added reply code FNY to MRC CBBL

APPENDIXC